

# Innsbrook Fishing Club

Initial Meeting

8/8/2016

# Welcome to the First Meeting



Sign Up by Sending an Email to:  
[Innsbrookfishingclub@gmail.com](mailto:Innsbrookfishingclub@gmail.com)

# Agenda

- Introductions
- Enhancing Fishing Quality at IBK
- Membership Activities
- Purpose of the Fishing Club
- Q & A
- Next Steps





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- **Introductions**
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# Introductions

- Please share:
  - Name
  - Years at Innsbrook
  - Favorite Lake
  - Why you are interested in the Fishing Club?
- Please sign up on the membership list or send an email to:  
[Innsbrookfishingclub@gmail.com](mailto:Innsbrookfishingclub@gmail.com)

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- **Enhancing Fishing Quality at IBK**
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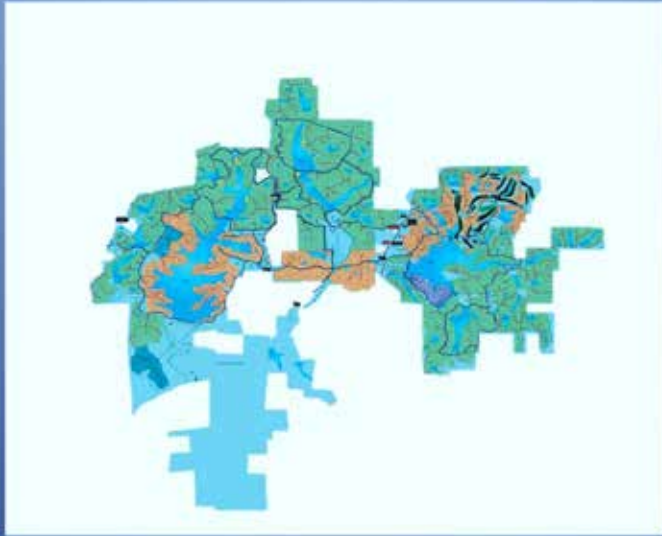


# Timeline of Activities to Enhance Fishing at IBK

- Proposed idea to IBK in Winter 2016
  - Improve The Fishing Success And Quality
  - A Lot Of People Enjoy Fishing
  - Prepare Fisheries Survey On Several Lakes
- **IBK Approved Electroshock Survey In May**



# Electroshock Survey from Herman Brothers



## Innsbrook Resort Fish Management Plan

*Fish Survey Observations and Recommendations*



May 26, 2016





# Herman Brothers Lake Management Plan

- Electroshocked Four Lakes
  - Alpine
  - Aspen
  - Lucern
  - Innsbrook



- Water Quality Samples Prepared By Texas A&M University.
- Recommendations Provided For Each Lake Surveyed.

# General - Recommendations

- Create A Lake Association Or Fishing Committee For Each Lake
- **Create An Inspirational Fishing Pond**
- Create Signs & Simple Management Plans For Each Lake
- Add Bonus Species Of Fish To The Lakes
- Offer Lake And Pond Management Workshops To Property Owners
- **Create More Fishing Tournaments/Derby**
- Management Plans For New Lakes

# Lake Alpine - Recommendations

- Create A Lake Association
- **Get The Paddlefish Harvested**
- Harvest 1000 Largemouth Bass In 2016 Between 12-16"
- **Stock 50 Adult Bluegill Per Acre In March 2017**
- Consider Stocking Smallmouth Bass
- Change The Daily Limits For This Lake
- **Create More Fish Habitat**



# Lake Aspen - Recommendations

- **Harvest Largemouth Bass**
- **Introduce New Genetics**
  - Specifically Largemouth
- **Fish Harvest Recommendations For The Future – 3 Yr Period**
- **Fish Habitat Improvements**





# Lake Innsbrook - Recommendations

- Introduce new genetics into the lake
  - Specifically Crappie
- Change the daily limits for this lake
- **Fish Stocking Recommendations:**
  - Stock 2000 black crappie 5-8" every fall for 3 years
  - Stock 200 catfish 9-12" every fall for 3 years.



# Lake Lucern - Recommendations

- Introduce New Fish Species Into The Lake
- Stocking Program
  - Stock 500 Walleye 6-10" Every Fall - Next 3 Yrs.
  - Stock 1000 Yellow Perch 6-8" Every Fall - Next 3 Yrs.
- **Fish Habitat Improvements**
- Change The Daily Limits For This Lake



# Timeline of Activities to Enhance Fishing at IBK

- Introduced Fishing Club at Memorial Day Party
  - Approximately +80 people have signed up
- Facebook Group Created
  - Innsbrook Fish Club - Group
- Meeting with IBK Owners in July 2016
- Meeting with Missouri Department of Conservation (MDC) on August 19<sup>th</sup>

# Meeting with IBK Owners in July 2016

- IBK Desire To Improve Fishing Quality
- Request Second Opinion From MDC
- Pursue Removal Of Paddlefish
- Revenue Source Too Support Improvements
  - Initially & Long Term
  - Paddlefish Potential Funding Source
- Encourage Property Owner Activities/Groups



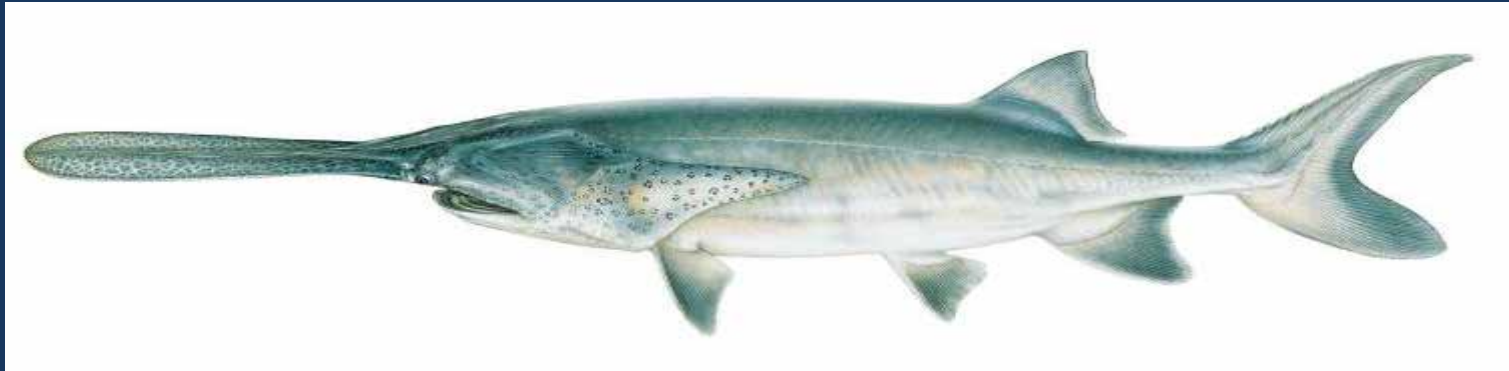
# Meeting with MDC on August 19<sup>th</sup>

- Determine What Fish Species Are In Each Lake, Fish Populations Or Densities, And Size Of Each Species – Spring 2017 Electroshock and Fishing Survey Forms
- Reduce The Paddlefish Numbers In Each
- Construct Fish Habitats
- Remove Green Sunfish
- Determine Specific Objectives For Each Lake
- Organize A Fishing Club To Assist with Improvements

# Self Reported Fish Survey's

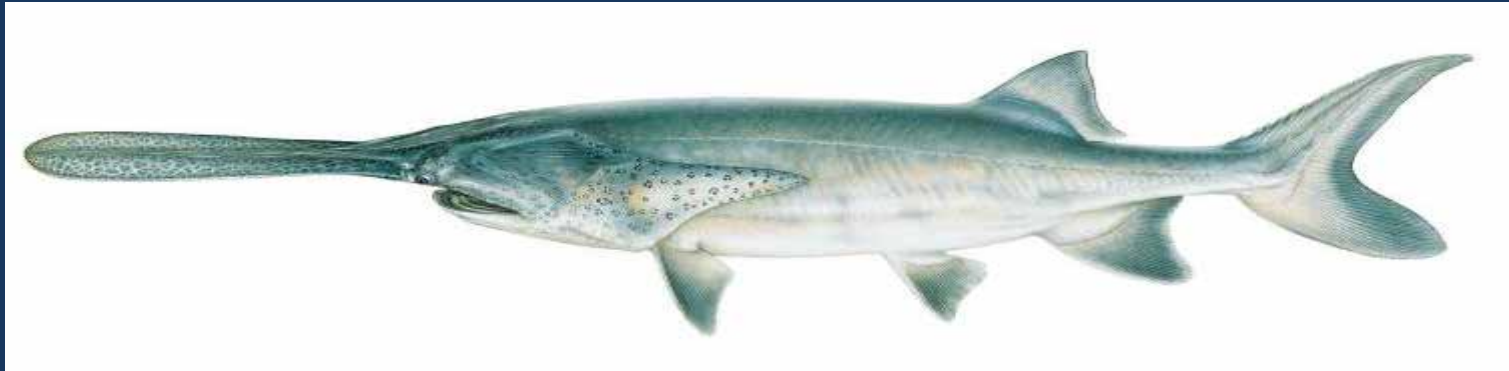
Lake Name											Date									
Angler Name		Optional									Angler Fishing Ability									
Start Time		End Time									Total Time									
Largemouth Bass Length and Weight Comparison											1	2	3	4	5	6	7	8	9	10
Length Inches	Weight Lbs	Oz.	Relative Weight in Oz								Bluegill	Green Sunfish	Catfish Channel	Other Fish						
			+100%	100%	95%	90%	85%	80%	75%	70%										
8	0.313	5		5.00	4.75	4.50	4.25	4.00	3.75	3.50										
9	0.438	7		7.00	6.65	6.30	5.95	5.60	5.25	4.90										
10	0.625	10		10.00	9.50	9.00	8.50	8.00	7.50	7.00										
11	0.688	11		11.00	10.45	9.90	9.35	8.80	8.25	7.70										
12	0.75	12		12.00	11.40	10.80	10.20	9.60	9.00	8.40										
12.5	0.938	15		15.00	14.25	13.50	12.75	12.00	11.25	10.50										
13	1.125	18		18.00	17.10	16.20	15.30	14.40	13.50	12.60										
13.5	1.25	20		20.00	19.00	18.00	17.00	16.00	15.00	14.00										
14	1.438	23		23.00	21.85	20.70	19.55	18.40	17.25	16.10										
14.5	1.625	26		26.00	24.70	23.40	22.10	20.80	19.50	18.20										
15	1.813	29		29.00	27.55	26.10	24.65	23.20	21.75	20.30										
15.5	2	32		32.00	30.40	28.80	27.20	25.60	24.00	22.40										
16	2.25	36		36.00	34.20	32.40	30.60	28.80	27.00	25.20										
16.5	2.5	40		40.00	38.00	36.00	34.00	32.00	30.00	28.00										
17	2.813	45		45.00	42.75	40.50	38.25	36.00	33.75	31.50										
17.5	3	48		48.00	45.60	43.20	40.80	38.40	36.00	33.60										
18	3.25	52		52.00	49.40	46.80	44.20	41.60	39.00	36.40										

# Paddlefish Information



- Missouri State Aquatic Animal
- Prehistoric Fish Virtually Unchanged Through Time
- Lifespan: 20 – 30 Years
- Size: 20 – 50 Pounds, Historic Reports of +200 Lbs  
Largest Freshwater Fish in North America
- Food: Exclusively Of Microscopic Zooplankton  
Plankton Are Strained by Gill Rakers

# Paddlefish Stocking



- Stockings occurred in 2002 and 2009
- Approximately 3,592 Paddlefish Were Stocked
- High Mortality Rate
- Harvest Delayed for 5 Years Due to Supply/Demand
- Current Paddlefish are 14 Years Plus, 45 to 70 pounds

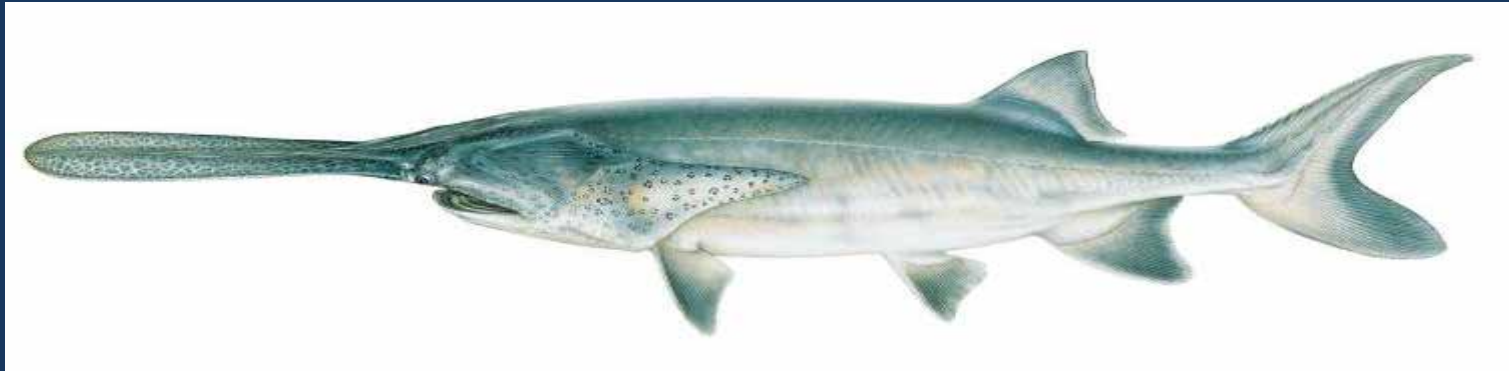


# Paddlefish Harvesting

Lake	Number Stocked	Number Harvested	Comment
Alpine	1301	0	F2016/W2017
Aspen	468	55	Jan 2016
Innsbrook	300	55	Jan 2016
Wanderfern	260	???	Unknown
St. Gallen	168	55	Jan 2016
Lucern	160	55	Jan 2015

See Listing of Lakes and Stocking Numbers

# Paddlefish Harvesting



- IBK Has A Commitment To Increase Harvest
- Osage Catfisheries Will Survey Lakes To Determine Numbers
- Anticipated Harvest of A Few Hundred, Alpine First
- Harvest Will Occur From October To March 2017
- Water Temperature Is Key
- 12 Inch Gill Net To Remove Paddlefish

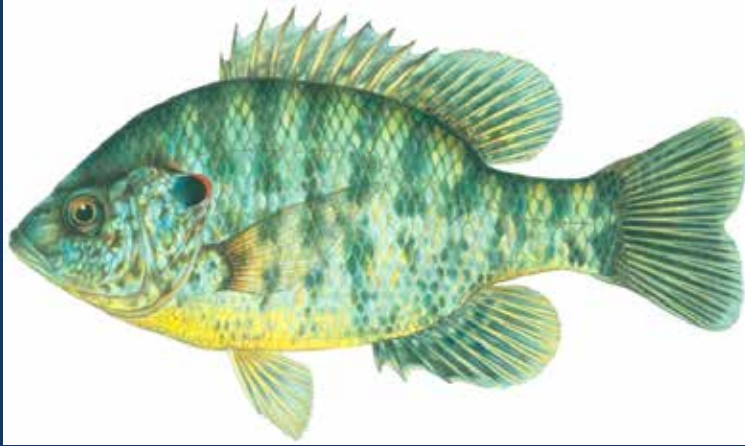
# Fish Habitat Restoration



- Natural Habitat Deteriorates Within 7 to 10 Years
- MDC Recommends 2 to 3 Areas Per Surface Acre
- Each Habitat Should Be Approximately 10 by 15 Feet
- Place In Water From 0 to 20 Feet Of Depth
- Potential Placement Along Dams/Roads
- Mark New Habitat With GPS Coordinates

# Green Sunfish Identification & Removal

## Redear Sunfish



## Green Sunfish



## Bluegill



The green sunfish is thick-bodied with a large mouth. The upper jaw extends to about the middle of the eye. The back and sides are bluish green, grading to pale yellow or white on the belly.

# Specific Objectives for Each Lake



- Types Of Fish Species
  - Bass, Bluegill, Catfish, Redear Sunfish, Grass Carp
- Quality of Fishing,
  - A lot of Fish To Catch, 5 to 12 per Hour
  - Or
  - Larger Fish, 3 to 4 per Hour (Largemouth Bass)
- How Do We Establish These Objectives???
- Must Be Willing To Remove Fish To Balance Biomass



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# Potential Activities

- Fishing Tournaments & Derby's
- Fish Surveys And Sampling Of Lakes
- Remove Green Sunfish
- Habitat Improvements And Installation
- Improve Nesting Areas For Fish
- Paddlefish Harvesting Support
- Create Inspirational Lake or Specialty Lakes for Species
- Fish Cleaning Services Or Workshop
- Fish Identification Workshops
- Fish Relocations From Other Lakes
- Learn To Fish Clinics or Sharing Fishing Secrets
- Create Library For Fish Management Resources

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# Purpose of Fishing Club



# Purpose of Fishing Club

- Improve the fishing quality and experience
- Educational resources for other fishermen
- Provide manpower and resources to improve habitat, host tournaments, monitor fish stocks, etc.
- Schedule activities to enhance enjoyment by IBK property owners, families, friends and guests.
- Create a shared resource of contacts and knowledge focused on fishing.



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# IBK Fishing Club Questions

- Create A Website Like IBK Nature Club?
- Should We Have Annual Dues? If so, How Much?
- Volunteer Lake Champions?
- How Do We Stay Informed & Connected?

# Available Information

- Herman Brothers Fish Management Plan
- List Of Interested Fishing Club Members (+80)
- Paddlefish Stocking History Since 2002
- Survey Forms For Fishermen To Self Report
- Habitat Improvement Resources

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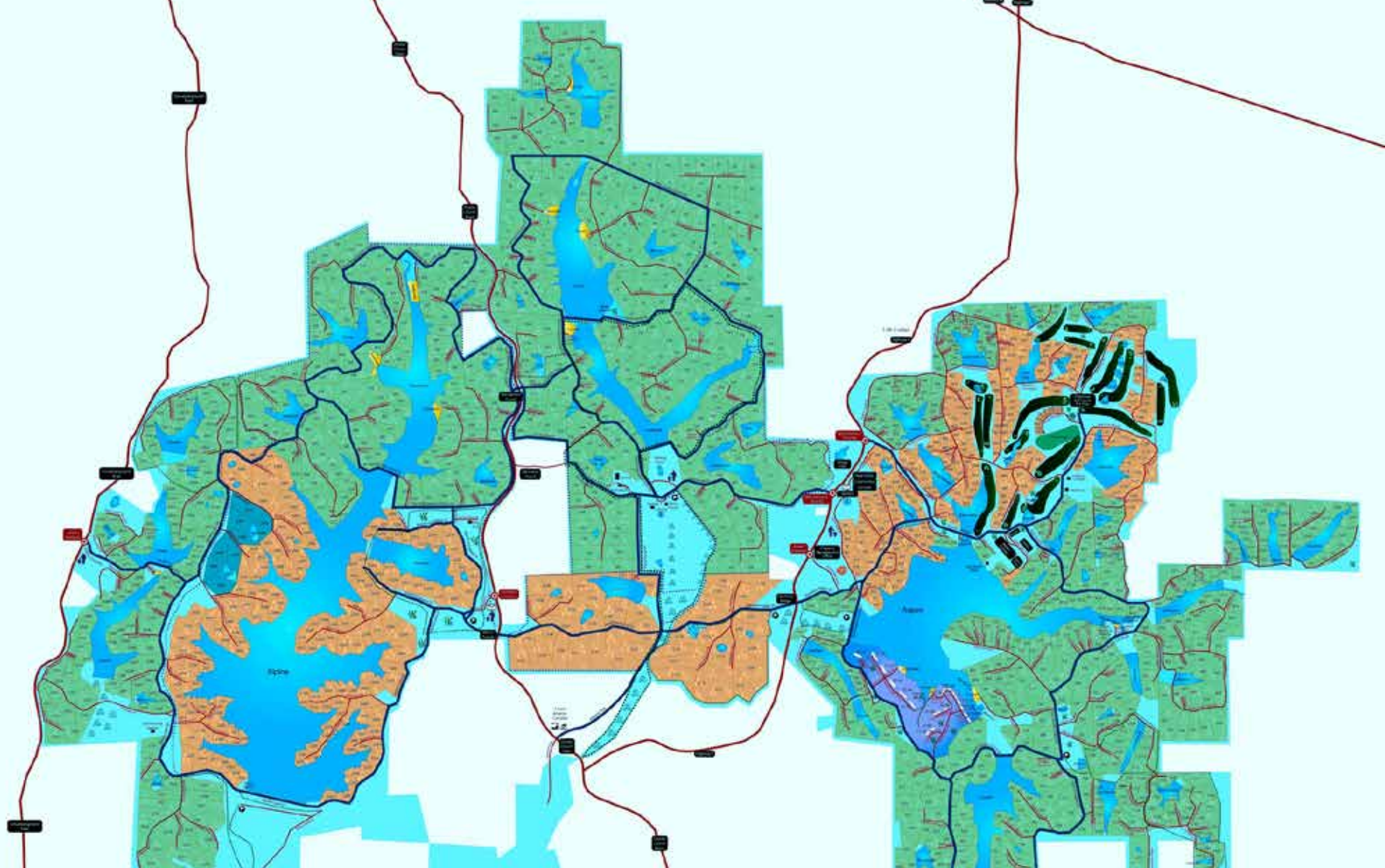
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# Next Steps

- Get Interested People Connected With Facebook and Potentially Website
- IBK Fishing Tournament – Saturday, Oct. 1
  - Get People to Sign Up
  - Help Jeff Yegge to Run Tournament
  - Survey Fish Caught & Record By Lake, Length/Weight
  - Encourage Harvesting Fish Caught?





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